# **WEST Search History**

Hide Items Restore Clear Cancel

DATE: Wednesday, March 09, 2005

| Hide?   | <u>Set</u><br>Name | Query  | <u>Hit</u><br>Count |
|---|--------------------|--|---------------------|
| DB = PGPB, $USPT$ , $USOC$ , $EPAB$ , $JPAB$ , $DWPI$ , $TDBD$ ; $PLUR = YES$ ; $OP = OR$ |                    |  |                     |
|   | L18                | 117 and sip and authenticat\$5   | 8                   |
|   | L17                | 20010701   | 13                  |
| П   | L16                | sip with invite with (password or id or identification or challenge or random or ran or authenticat\$5) and response | 74                  |
|   | L15                | 20010701   | 3                   |
|   | L14                | VOIP with (cell\$4 or mobile) with authenticat\$5  | 15                  |
|   | L13                | 20010701   | 11                  |
|   | L12                | L10 and ((session adj initiation adj protocol) or SIP) and authenticat\$4  | 83                  |
|   | L11                | L10 and ((session adj initiation adj protocol) or SIP)   | 141                 |
| [_]   | L10                | L5 or L6 or L7 or L8 or L9   | 7717                |
|   | L9                 | (379/395.6).ccls.  | 0                   |
|   | L8                 | (713/201  713/151).ccls.   | 3553                |
|   | L7                 | (379/93.32).ccls.  | 76                  |
|   | L6                 | (455/445   455/432   455/436   455/435.1   455/512).ccls.  | 4090                |
|   | L5                 | (709/238.328).ccls.  | 0                   |
|   | L4                 | 20010701   | 13                  |
|   | L3                 | (session adj initiation adj protocol or SIP) with authenticat\$5 and VoIP  | 82                  |
| DB=USPT; $PLUR=YES$ ; $OP=OR$   |                    |  |                     |
|   | L2                 | (password or id or identification or authenticat\$5) with invite   | 77                  |
|   | Ll                 | 6434143.pn. and (password or id or identification or authenticat\$5) with invite                                     | 1                   |

END OF SEARCH HISTORY

```
Welcome to DialogClassic Web(tm)
 Dialog level 05.00.10aD
Last logoff: 05feb05 15:27:11
Logon file405 09mar05 16:43:06
         *** ANNOUNCEMENT ***
-- Important Notice to Freelance Authors--
See HELP FREELANCE for more information
NEW FILES RELEASED
***FDAnews (File 182)
***German Patents Fulltext (File 324)
***Beilstein Abstracts (File 393)
***Beilstein Facts (File 390)
***Beilstein Reactions (File 391)
RELOADED
***Medline (Files 154 & 155)
RESUMED UPDATING
***Canadian Business and Current Affairs (262)
     >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
     >>> of new databases, price changes, etc.
                                            *** DIALOG HOMEBASE(SM) Main Menu ***
 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions
 Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)
    (c) 2003 Dialog, a Thomson business.
                                             All rights reserved.
                        \ /L = Logoff
                                               /NOMENU = Command Mode
      /H = Help
Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
>>Invalid Option Number
                     *** DIALOG HOMEBASE(SM) Main Menu ***
 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions
 Connections:
  6. DIALOG(R) Document Delivery
```

```
7. Data Star(R)
    (c) 2003 Dialog, a Thomson business.
                                              All rights reserved.
      /H = Help
                           /L = Logoff
                                                /NOMENU = Command Mode
Enter an option number to view information or to connect to an online
service. Enter a BEGIN command plus a file number to search a database
(e.g., Bl for ERIC).
B COMPSCI
       09mar05 16:43:47 User276717 Session D7.1
            $0.00
                     0.320 DialUnits FileHomeBase
     $0.00 Estimated cost FileHomeBase
    $0.18 INTERNET
    $0.18 Estimated cost this search
    $0.18 Estimated total session cost 0.320 DialUnits
SYSTEM:OS - DIALOG OneSearch
  File
        2:INSPEC 1969-2005/Feb W4
         (c) 2005 Institution of Electrical Engineers
         6:NTIS 1964-2005/Feb W4
  File
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
         8:Ei Compendex(R) 1970-2005/Feb W4
  File
         (c) 2005 Elsevier Eng. Info. Inc.
  File
       34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W4
         (c) 2005 Inst for Sci Info
  File
       35:Dissertation Abs Online 1861-2005/Feb
         (c) 2005 ProQuest Info&Learning
       65:Inside Conferences 1993-2005/Mar W1
  File
         (c) 2005 BLDSC all rts. reserv.
       92:IHS Intl.Stds.& Specs. 1999/Nov
         (c) 1999 Information Handling Services
       94:JICST-EPlus 1985-2005/Jan W4
  File
         (c) 2005 Japan Science and Tech Corp(JST)
        95:TEME-Technology & Management 1989-2005/Jan W5
         (c) 2005 FIZ TECHNIK
 *File 95: Customers in Germany, Austria, and Switzerland
should contact their local Dialog representative.
       99:Wilson Appl. Sci & Tech Abs 1983-2005/Jan
         (c) 2005 The HW Wilson Co.
  File 103: Energy SciTec 1974-2005/Feb B2
         (c) 2005 Contains copyrighted material
 *File 103: For access restrictions see Help Restrict.
  File 144: Pascal 1973-2005/Feb W4
         (c) 2005 INIST/CNRS
  File 239: Mathsci 1940-2005/Apr
         (c) 2005 American Mathematical Society
  File 275: Gale Group Computer DB(TM) 1983-2005/Mar 09
         (c) 2005 The Gale Group
  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
  File 647:CMP Computer Fulltext 1988-2005/Feb W3
         (c) 2005 CMP Media, LLC
  File 674: Computer News Fulltext 1989-2005/Mar W1
         (c) 2005 IDG Communications
  File 696: DIALOG Telecom. Newsletters 1995-2005/Mar 08
         (c) 2005 The Dialog Corp.
```

```
Set Items Description
                 ______
S "SESSION INITIATION PROTOCOL" AND AUTHENTICATION
            403 SESSION INITIATION PROTOCOL
          47714 AUTHENTICATION
            16 "SESSION INITIATION PROTOCOL" AND AUTHENTICATION
     S1
?
S S1 PY<2001
>>>Term "PY" in invalid position
S S1 NOT PY>2001
             16 S1
        9922721 PY>2001
     S2
             1 S1 NOT PY>2001
T S2/6, K/1-2
 2/6, K/1
           (Item 1 from file: 2)
DIALOG(R) File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.
7106240
        INSPEC Abstract Number: B2002-01-6150M-040, C2002-01-5640-032
Title: Accessing networked appliances using the session initiation
protocol
 Publication Date: 2001
 Copyright 2001, IEE
  ... Descriptors: message authentication;
 Identifiers: session initiation protocol ...
...message authentication;
?
("SESSION INITIATION PROTOCOL" OR SIP) WITH AUTHENTICATION
>>>When using accession numbers with KEEP in OneSearch, you
>>>must use the FROM option to specify a file number.
?
S "SESSION INITIATION PROTOCOL" OR SIP
            403 SESSION INITIATION PROTOCOL
          10745 SIP
          10794 "SESSION INITIATION PROTOCOL" OR SIP
     S3
?
S S3 NOT PY>2001
          10794 S3
         9922721 PY>2001
     S4 6919 S3 NOT PY>2001
?
S S4 AND AUTHENTICAT? (5N) INVITE
           6919 S4
           54417 AUTHENTICAT?
           8114
                 INVITE
              O AUTHENTICAT? (5N) INVITE
```

```
O S4 AND AUTHENTICAT? (5N) INVITE
?
S S4 INVITE (5N) AUTHENTICAT$
>>>Term "INVITE" in invalid position
S S4 AND INVITE (5N) AUTHENTICAT?
           6919 S4
           8114
                INVITE
          54417 AUTHENTICAT?
              0 INVITE (5N) AUTHENTICAT?
              O S4 AND INVITE (5N) AUTHENTICAT?
?
S S4 AND INVITE AND RESPONSE
           6919 S4
           8114 INVITE
        2711302 RESPONSE
              9 S4 AND INVITE AND RESPONSE
?
T S7/6, K/1 FROM EACH
             (Item 1 from file: 2)
DIALOG(R) File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.
         INSPEC Abstract Number: B2002-04-6210D-003
  Title: Design of SIP transformation server for efficient media negotiation
  Publication Date: 2001
  Copyright 2002, IEE
                      SIP transformation server for efficient media
  Title: Design of
negotiation
              and the intelligent location server (ILS).
  ...Abstract:
transformation server is an extended session initiation protocol (SIP)
proxy server. It can modify an unacceptable session INVITE message into
an acceptable one using the ILS. The ILS is a directory server based...
... user's location information and available media information.
proposed architecture can eliminate an unnecessary response and re-
        messages of the standard SIP architecture. It takes only 1.5
round trip times to negotiate two different media types...
... setup time in the proposed architecture is less than the setup time in
               SIP . These results verify that the proposed media
negotiation mechanism is more efficient in solving diversity...
  Identifiers: SIP; ...
... session initiation protocol ...
... INVITE message
  7/6, K/2
            (Item 1 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.
05966926
           Design of SIP transformation server for efficient media
   Title:
```

### negotiation

Conference Title: Voice Over IP (VoIP) Technology

Publication Year: 2001

# Title: Design of SIP transformation server for efficient media negotiation

...Abstract: and the Intelligent Location Server (ILS). The transformation server is an extended Session Initiation Protocol (SIP) proxy server. It can modify an unacceptable session INVITE message into an acceptable one using the ILS. The ILS is a directory server based...

...user's location information and available media information. The proposed architecture can eliminate an unnecessary response and re-INVITE messages of the standard SIP architecture. It takes only 1.5 round trip times to negotiate two different media types...

...setup time in the proposed architecture is less than the setup time in the standard SIP . These results verify that the proposed media negotiation mechanism is more efficient in solving diversity...

Identifiers: Session initiation protocols (SIP)

7/6,K/3 (Item 1 from file: 95)
DIALOG(R)File 95:(c) 2005 FIZ TECHNIK. All rts. reserv.

01613063 20020301368

Design of SIP transformation server for efficient media negotiation 2001

Design of SIP transformation server for efficient media negotiation

#### ABSTRACT:

...and the intelligent location server (ILS). The transformation server is an extended session initiation protocol (SIP) proxy server. It can modify an unacceptable session INVITE message into an acceptable one using the ILS. The ILS is a directory server based...

...user's location information and available media information. The proposed architecture can eliminate an unnecessary response and re-INVITE messages of the standard SIP architecture. It takes only 1.5 round trip times to negotiate two different media types...

...setup time in the proposed architecture is less than the setup time in the standard SIP . These results verify that the proposed media negotiation mechanism is more efficient in solving diversity...

7/6,K/4 (Item 1 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

15472243 PASCAL No.: 02-0166114

Design of SIP transformation Server for efficient media negotiations Voice over IP (VoIP) technology: Denver CO, 21 August 2001 2001

Copyright (c) 2002 INIST-CNRS. All rights reserved.

Design of SIP transformation Server for efficient media negotiations
... and the Intelligent Location Server (ILS). The transformation server
is an extended Session Initiation Protocol (SIP) proxy server. It can

modify an unacceptable session INVITE message into an acceptable one using the ILS. The ILS is a directory server based...

... user's location information and available media information. The proposed architecture can eliminate an unnecessary response and re-INVITE messages of the standard SIP architecture. It takes only 1.5 round trip times to negotiate two different media types...

... setup time in the proposed architecture is less than the setup time in the standard SIP . These results verify that the proposed media negotiation mechanism is more efficient in solving diversity...

### 7/6,K/5 (Item 1 from file: 275)

DIALOG(R) File 275:(c) 2005 The Gale Group. All rts. reserv.

02553293 SUPPLIER NUMBER: 79796007 (USE FORMAT 7 OR 9 FOR FULL TEXT)
How SIP Works. (Session Initiation Protocol) (Technical)

Oct 22, 2001

WORD COUNT: 384 LINE COUNT: 00030

#### How SIP Works. (Session Initiation Protocol) (Technical)

#### TEXT:

The Session Initiation Protocol (SIP) lets one user initiate any type of real-time communication session - such as text-based...

- ... A, needs to speak with Bob, who works at Company B. Each company has a SIP proxy server, and Alice and Bob can be using any of a variety of clients, including a PC software phone, or softphone; a SIP hardware phone; an analog phone with an adapter; or a SIP -enabled cell phone.
- 1. When Bob turns on his client, his phone automatically sends a register message to his company's SIP proxy server. The register message tells the SIP proxy server: If you get a call for Bob, send it to this IP address...
- ...via her PC softphone. She types, "I want to call Bob at Company B." Her invite request is sent to Company A's SIP proxy server.
- 3. Company A's SIP proxy server uses the Domain Name System to look up Bob's domain, and the invite request is forwarded to Company B's SIP proxy server.
- 4. The Company B SIP proxy server sees that Alice wants to call Bob and forwards her invite request to Bob's IP address, which it obtained from the registration process.
  - 5. Bob...
- ...pops up, and Bob is asked if he wants to accept the call. His affirmative response, called a 200 OK, is sent to his company's proxy server.
- 6. The Company B SIP proxy server forwards the 200 OK to Company A's SIP proxy server, which sends the 200 OK to Alice's client.
  - 7. An acknowledgment message...

...party used an ordinary telephone, a voice-over-IP gateway would be needed between the SIP proxy server and the client device for the connections to be made.

Source: Jonathan Rosenberg, chief scientist at Dynamicsoft Inc., co-author of the SIP specification and former co-chairman of the IETF's SIP Working Group.

```
7/6,K/8 (Item 1 from file: 674)
```

DIALOG(R) File 674:(c) 2005 IDG Communications. All rts. reserv.

097059

How SIP Works

Publication Date: October 22, 2001

#### How SIP Works

Text:

The Session Initiation Protocol (SIP) lets one user initiate any type of real-time communication session -- such as text-based...

- ...A, needs to speak with Bob, who works at Company B. Each company has a SIP proxy server, and Alice and Bob can be using any of a variety of clients, including a PC software phone, or softphone; a SIP hardware phone; an analog phone with an adapter; or a SIP -enabled cell phone.
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- ...via her PC softphone. She types, "I want to call Bob at Company B." Her invite request is sent to Company A's SIP proxy server.
- 3. Company A's SIP proxy server uses the Domain Name System to look up Bob's domain, and the invite request is forwarded to Company B's SIP proxy server.
- 4. The Company B SIP proxy server sees that Alice wants to call Bob and forwards her invite request to Bob's IP address, which it obtained from the registration process.
  - 5. Bob...
- ... pops up, and Bob is asked if he wants to accept the call. His affirmative response, called a 200 OK, is sent to his company's proxy server.
- 6. The Company B SIP proxy server forwards the 200 OK to Company A's SIP proxy server, which sends the 200 OK to Alice's client.
  - 7. An acknowledgment message...
- ... party used an ordinary telephone, a voice-over-IP gateway would be needed between the SIP proxy server and the client device for the connections to be made.

Source: Jonathan Rosenberg, chief scientist at Dynamicsoft Inc., co-author of the SIP specification and former co-chairman of the IETF's SIP Working Group.

S >>>Null command ignored

Items Index-term Ref 1 SIP INTEGRATION CAPACITY E1 E2 1 SIP INTERNET PROTOCOL 0 \*SIP INVITE" (5N) AUTHENTICATION 1 SIP LAYER MULTICAST MOBILITY E4 1 SIP LIBRARY PROJECT E5 1 SIP LOCI E6 E7 1 SIP MARKETING E8 3 SIP MESSAGE

```
3 SIP MESSAGES
         2 SIP METHOD
E10
         1 SIP MICRO-SYSTEM INTEGRATION
E11
         1 SIP MOBILITY AGENT
E12
         Enter P or PAGE for more
?
S "SESSION INITIATION PROTOCOL" AND AUTHENTICATION
            403 SESSION INITIATION PROTOCOL
          47714
                 AUTHENTICATION
             16 "SESSION INITIATION PROTOCOL" AND AUTHENTICATION
     S8
?
S S8 AND AUTHENTICAT?
             16 S8
          54417 AUTHENTICAT?
             16 S8 AND AUTHENTICAT?
     S9
?
S S9 NOT PY>2001
             16 S9
         9922721 PY>2001
             1 S9 NOT PY>2001
    S10
?
T S10/KWIK/1
>>>"KWIK" is not a valid format name in file(s): 2, 6, 8, 34-35, 65, 92,
  94-95, 99, 103, 144, 239, 275, 434, 647, 674, 696
T S10/6, K/ALL
 10/6,K/1
              (Item 1 from file: 2)
DIALOG(R) File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.
         INSPEC Abstract Number: B2002-01-6150M-040, C2002-01-5640-032
7106240
Title: Accessing networked appliances using the session initiation
protocol
 Publication Date: 2001
 Copyright 2001, IEE
  ...Descriptors: message authentication;
  Identifiers: session initiation protocol ...
...message authentication;
?
COST
       09mar05 17:02:13 User276717 Session D7.2
                    0.324 DialUnits File2
           $2.68
              $0.60 3 Type(s) in Format 95 (KWIC)
           $0.60 3 Types
    $3.28 Estimated cost File2
           $0.43
                    0.068 DialUnits File6
    $0.43 Estimated cost File6
           $2.37 0.307 DialUnits File8
               $0.21 1 Type(s) in Format 95 (KWIC)
            $0.21 1 Types
```

```
$2.58 Estimated cost File8
      $14.59 0.659 DialUnits File34
$14.59 Estimated cost File34
       $0.27 0.065 DialUnits File35
$0.27 Estimated cost File35
             0.440 DialUnits File65
       $1.65
$1.65 Estimated cost File65
       $0.14 0.044 DialUnits File92
$0.14 Estimated cost File92
              0.140 DialUnits File94
       $0.49
$0.49 Estimated cost File94
       $0.98 0.140 DialUnits File95
          $0.00 1 Type(s) in Format 95 (KWIC)
       $0.00 1 Types
$0.98 Estimated cost File95
       $0.26
               0.109 DialUnits File99
$0.26 Estimated cost File99
       $0.61 0.120 DialUnits File103
$0.61 Estimated cost File103
       $1.58 0.410 DialUnits File144
          $0.21 1 Type(s) in Format 95 (KWIC)
       $0.21 1 Types
$1.79 Estimated cost File144
       $0.46 Estimated cost File239
       $0.70 1 Type(s) in Format 95 (KWIC)
       $0.70 1 Types
$1.42 Estimated cost File275
       $0.98
             0.044 DialUnits File434
$0.98 Estimated cost File434
       $0.35
             0.068 DialUnits File647
$0.35 Estimated cost File647
       $0.22 0.055 DialUnits File674
          $0.43 1 Type(s) in Format 95 (KWIC)
       $0.43 1 Types
 $0.65 Estimated cost File674
              0.075 DialUnits File696
       $0.44
 $0.44 Estimated cost File696
       OneSearch, 18 files, 3.319 DialUnits FileOS
$5.06 INTERNET
$36.43 Estimated cost this search
$36.61 Estimated total session cost
                                    3.638 DialUnits
```

## Return to logon page!